

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Bjarte Fageraas et al.

SERIAL NO.: 10/784,665

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TITLE: "Digital Optical Signal  
Transmission in a Seismic  
Sensor Array"

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Group Art Unit: 2878

Examiner: Stephone B. Allen

Atty. Docket: IO-1091US

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MS: AF  
Commissioner for Patents  
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**RESPONSE TO FINAL OFFICE ACTION DATED SEPTEMBER 21, 2006**

This is in response to the Final Office Action, dated September 21, 2006 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 11.

Conclusions begin at page 14.